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<110> Cochran, Mark D
Cook, Stephanie M
Wild, Martha A

<120> Novel Avian Herpes Virus and Uses Thereof

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<170> PatentIn Ver. 2.1

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			20					25					30			
Gly	Ala	Ala	Val	Phe	Thr	Leu	Phe	Trp	Thr	Cys	Val	Arg	Ile	Met	Arg	
		35					40					45				
Glu	His	Ile	Cys	Phe	Val	Arg	Asn	Ala	Met	Asp	Arg	His	Leu	Phe	Leu	
	50					55					60					
Arg	Asn	Ala	Phe	Trp	Thr	Ile	Val	Leu	Leu	Ser	Ser	Phe	Ala	Ser	Gln	
65					70					75					80	
Ser	Thr	Ala	Ala	Val	Thr	Tyr	Asp	Tyr	Ile	Leu	Gly	Arg	Arg	Ala	Leu	
				85					90					95		
Asp	Ala	Leu	Thr	Ile	Pro	Ala	Val	Gly	Pro	Tyr	Asn	Arg	Tyr	Leu	Thr	
			100					105					110			
Arg	Val	Ser	Arg	Gly	Cys	Asp	Val	Val	Glu	Leu	Asn	Pro	Ile	Ser	Asn	
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Phe	Glu	Ala	Ser	Val	Val	Trp	Phe	Tyr	Val	Ile	Lys	Gly	Asp	Asp	Gly	
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Glu	Asp	Lys	Tyr	Cys	Pro	Ile	Tyr	Arg	Lys	Glu	Tyr	Arg	Glu	Cys	Gly	
				165					170					175		
Asp	Val	Gln	Leu	Leu	Ser	Glu	Cys	Ala	Val	Gln	Ser	Ala	Gln	Met	Trp	
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Ala Val Asp Tyr Val Pro Ser Thr Leu Val Ser Arg Asn Gly Ala Gly
 195 200 205
 Leu Thr Ile Phe Ser Pro Thr Ala Ala Leu Ser Gly Gln Tyr Leu Leu
 210 215 220
 Thr Leu Lys Ile Gly Arg Phe Ala Gln Thr Ala Leu Val Thr Leu Glu
 225 230 235 240
 Val Asn Asp Arg Cys Leu Lys Ile Gly Ser Gln Leu Asn Phe Leu Pro
 245 250 255
 Ser Lys Cys Trp Thr Thr Glu Gln Tyr Gln Thr Gly Phe Gln Gly Glu
 260 265 270
 His Leu Tyr Pro Ile Ala Asp Thr Asn Thr Arg His Ala Asp Asp Val
 275 280 285
 Tyr Arg Gly Tyr Glu Asp Ile Leu Gln Arg Trp Asn Asn Leu Leu Arg
 290 295 300
 Lys Lys Asn Pro Ser Ala Pro Asp Pro Arg Pro Asp Ser Val Pro Gln
 305 310 315 320
 Glu Ile Pro Ala Val Thr Lys Lys Ala Glu Gly Arg Thr Pro Asp Ala
 325 330 335
 Glu Ser Ser Glu Lys Lys Ala Pro Pro Glu Asp Ser Glu Asp Asp Met
 340 345 350
 Gln Ala Glu Ala Ser Gly Glu Asn Pro Ala Ala Leu Pro Glu Asp Asp
 355 360 365
 Glu Val Pro Glu Asp Thr Glu His Asp Asp Pro Asn Ser Asp Pro Asp
 370 375 380
 Tyr Tyr Asn Asp Met Pro Ala Val Ile Pro Val Glu Glu Thr Thr Lys
 385 390 395 400
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 Arg Ser

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 <212> PRT
 <213> Infectious Laryngotracheitis Virus

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 35 40 45
 Thr Ile Gln Leu Gln Leu Phe Phe Met Pro Gly Gln Arg Pro His Lys
 50 55 60
 Pro Tyr Ser Gly Thr Val Arg Val Ala Phe Arg Ser Asp Ile Thr Asn
 65 70 75 80

Gln	Cys	Tyr	Gln	Glu 85	Leu	Ser	Glu	Glu	Arg 90	Phe	Glu	Asn	Cys	Thr 95	His
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Ser	Ala	Ser 115	Asn	Arg	Leu	Thr	Gly 120	Pro	Pro	His	Pro	Phe 125	Lys	Leu	Thr
Ile	Arg 130	Asn	Pro	Arg	Pro	Asn 135	Asp	Ser	Gly	Met	Phe 140	Tyr	Val	Ile	Val
Arg 145	Leu	Asp	Asp	Thr	Lys 150	Glu	Pro	Ile	Asp	Val 155	Phe	Ala	Ile	Gln	Leu 160
Ser	Val	Tyr	Gln	Phe 165	Ala	Asn	Thr	Ala	Ala 170	Thr	Arg	Gly	Leu	Tyr 175	Ser
Lys	Ala	Ser	Cys 180	Arg	Thr	Phe	Gly	Leu 185	Pro	Thr	Val	Gln	Leu 190	Glu	Ala
Tyr	Leu	Arg 195	Thr	Glu	Glu	Ser	Trp 200	Arg	Asn	Trp	Gln	Ala 205	Tyr	Val	Ala
Thr	Glu 210	Ala	Thr	Thr	Thr	Ser 215	Ala	Glu	Ala	Thr	Thr 220	Pro	Thr	Pro	Val
Thr 225	Ala	Thr	Ser	Ala	Ser 230	Glu	Leu	Glu	Ala	Glu 235	His	Phe	Thr	Phe	Pro 240
Trp	Leu	Glu	Asn	Gly 245	Val	Asp	His	Tyr	Glu 250	Pro	Thr	Pro	Ala	Asn 255	Glu
Asn	Ser	Asn	Val 260	Thr	Val	Arg	Leu	Gly 265	Thr	Met	Ser	Pro	Thr 270	Leu	Ile
Gly	Val	Thr 275	Val	Ala	Ala	Val	Val 280	Ser	Ala	Thr	Ile	Gly 285	Leu	Val	Ile
Val	Ile 290	Ser	Ile	Val	Thr	Arg 295	Asn	Met	Cys	Thr	Pro 300	His	Arg	Lys	Leu
Asp 305	Thr	Val	Ser	Gln	Asp 310	Asp	Glu	Glu	Arg	Ser 315	Gln	Thr	Arg	Arg	Glu 320
Ser	Arg	Lys	Phe	Gly 325	Pro	Met	Val	Ala	Cys 330	Glu	Ile	Asn	Lys	Gly 335	Ala
Asp	Gln	Asp	Ser 340	Glu	Leu	Val	Glu	Leu 345	Val	Ala	Ile	Val	Asn 350	Pro	Ser
Ala	Leu	Ser 355	Ser	Pro	Asp	Ser	Ile 360	Lys	Met						